

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS OF EX-VIVO EXPANSION OF HEMATOPOEITIC CELLS USING
MULTIVARIANT IL-3 HEMATOPOIESIS CHIMERA PROTEINS**

The specification of which, with any Preliminary Amendment, (check one)

[] is attached hereto

[X] was filed on December 09, 1996 as Application Serial No. 08/762,227 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)			Priority Claimed
PCT/US93/11197 (Number)	PCT (Country)	November 22, 1993 (Day/month/year filed)	[X]Yes []No
PCT/US95/01185 (Number)	PCT (Country)	February 02, 1995 (Day/month/year filed)	[X]Yes []No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/446,872 (Application Serial No.)	June 06, 1995 (Filing date)	Pending (Status)
5,604,116 (U.S. Patent No.)	April 06, 1995 (Filing date)	February 18, 1997 (Issue Date)
08/192,325 (Application Serial No.)	February 04, 1994 (Filing date)	Pending (Status)
07/981,044 (Application Serial No.)	November 24, 1992 (Filing date)	Abandoned (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys/agents: DENNIS A. BENNETT, Registration No. 34,547; JOSEPH W. BULOCK, Registration No. 37,103; J. TIMOTHY KEANE, Registration No. 27,808; CYNTHIA S. KOVACEVIC, Registration No. 35,578; ROGER A. WILLIAMS, Registration No. 27,679; to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Dennis A. Bennett at 314-694-5402 and address all correspondence to:

G. D. Searle & Co.
Corporate Patent Law Department
P.O. Box 5110
Chicago, Illinois 60680-9889
ATTENTION: Dennis A. Bennett

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	Bauer	S.	Christopher	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.	
	New Haven	Missouri	U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
	4656 Orchard Road	New Haven	Missouri	63068
SIGNATURE OF INVENTOR 1	DATE			
<i>S. Christopher Bauer</i>	<i>04/10/97</i>			

2)

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	Abrams	Mark	Allen	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.	
	St. Louis	Missouri	U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
	7723 Blackberry Avenue	St. Louis	Missouri	63130
SIGNATURE OF INVENTOR 2	DATE			
	<u>Mark Allen</u> 4/11/97			

3)

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	Braford-Goldberg	Sarah	Ruth	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.	
	St. Louis	Missouri	U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
	4111 West Pine #10	St. Louis	Missouri	63108
SIGNATURE OF INVENTOR 3	DATE			
	<u>Sarah Ruth Braford Goldberg</u> 4/10/97			

4)

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	Caparon	Maire	Helena	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.	
	Chesterfield	Missouri	Ireland	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
	109 Beechwood Court	Chesterfield	Missouri	63017
SIGNATURE OF INVENTOR 4	DATE			
	<u>Maire Helena Caparon</u> 4-10-97			

5)

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	Easton	Alan	Michael	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.	
	Maryland Heights	Missouri	U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
	2317 Seven Pines Drive #7	Maryland Heights	Missouri	63146
SIGNATURE OF INVENTOR 5	DATE			
	<u>Alan Michael Easton</u> 4/10/97			

6)

FULL NAME OF INVENTOR	LAST NAME Klein	FIRST NAME Barbara	MIDDLE NAME Kure	
RESIDENCE & CITIZENSHIP	CITY St. Louis	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 12917 Topping Estates	CITY St. Louis	STATE OR COUNTRY Missouri	ZIPCODE 63131
SIGNATURE OF INVENTOR 6	DATE <i>Barbara Kure Klein 4-10-97</i>			

7)

FULL NAME OF INVENTOR	LAST NAME McKearn	FIRST NAME John	MIDDLE NAME P.	
RESIDENCE & CITIZENSHIP	CITY Glencoe	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 18612 Babler Meadows Drive	CITY Glencoe	STATE OR COUNTRY Missouri	ZIPCODE 63038
SIGNATURE OF INVENTOR 7	DATE <i>John McKearn 4/10/97</i>			

8)

FULL NAME OF INVENTOR	LAST NAME Olins	FIRST NAME Peter	MIDDLE NAME O.	
RESIDENCE & CITIZENSHIP	CITY Lafayette	STATE OR FOREIGN COUNTRY Colorado	COUNTRY OF CITIZEN. United Kingdom	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 10625 Goose Haven 80026	CITY Lafayette	STATE OR COUNTRY Colorado	ZIPCODE Colorado
SIGNATURE OF INVENTOR 8	DATE <i>Peter O. Olins March 19, 1997</i>			

9)

FULL NAME OF INVENTOR	LAST NAME Paik	FIRST NAME Kumnan	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY Wilmette	STATE OR FOREIGN COUNTRY Illinois	COUNTRY OF CITIZEN. U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 636 Illinois Road	CITY Wilmette	STATE OR COUNTRY Illinois	ZIPCODE 60091
SIGNATURE OF INVENTOR 9	DATE <i>Kumnan Paik March 24, 1997</i>			

10)

FULL NAME OF INVENTOR	LAST NAME Thomas	FIRST NAME John	MIDDLE NAME W.	
RESIDENCE & CITIZENSHIP	CITY Town & Country	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 13426 Mason Valley Court	CITY Town & Country	STATE OR COUNTRY Missouri	ZIPCODE 63131
SIGNATURE OF INVENTOR 10	<i>John W. Thomas</i>			DATE 4/10/97